

RETINOID X RECEPTOR-INTERACTING POLYPEPTIDES

AND RELATED MOLECULES AND METHODS

Abstract of the Disclosure

Disclosed is a method for determining whether a test protein is capable of interacting with a retinoid X receptor protein. The method involves: (a) providing a host cell which contains (i) a reporter gene operably linked to a protein binding site; (ii) a first fusion gene which expresses a first fusion protein, the first fusion protein including a retinoid X receptor protein covalently bonded to a binding moiety which is capable of specifically binding to the protein binding site; and (iii) a second fusion gene which expresses a second fusion protein, the second fusion protein including the test protein covalently bonded to a gene activating moiety; and (b) determining whether the test protein increases expression of the reporter gene as an indication of its ability to interact with the retinoid X receptor protein. Also disclosed is purified DNA encoding retinoid X receptor-interacting proteins and the polypeptides expressed from such DNA.

92287.B11